



D0 Status Report

10/2/2006

Taka Yasuda
Fermilab



Data Taking for 9/25 – 10/1



Day	Delivered (pb ⁻¹)	Recorded (pb ⁻¹)	Eff. (%)	Comments
9/25 (Mon)	2.44	1.86	76	Controlled access to repair a SMT sequencer PS. 30 min downtime due to SMT HV trip at the beginning of store 4975.
9/26 (Tue)	2.30	1.32	58	90 min downtime due to Datalogger problem; 30 min downtime due to CTT problem. 12 hour access to Collision Hall: Repaired PDT033, replaced a Cal preamp primary PS, and looked at the signals from bad SMT channels
9/27 (Wed)	–	–	–	
9/28 (Thu)	0.93	0.83	89	8 hour access to Collision Hall: Surveyed the muon systems, tested AFE2s in axial successfully, and cleaned PDT HV service cards.
9/29 (Fri)	0.03	0.03	78	Controlled access: Swapped an AFE power supply and swapped a CTT board. Luminosity constants updated.
9/30 (Sat)	1.37	1.21	88	
10/1 (Sun)	2.61	1.99	76	1 hour downtime due to L2 muon input problem at the beginning of store 4996.
9/25–10/1	9.68	7.24	75	



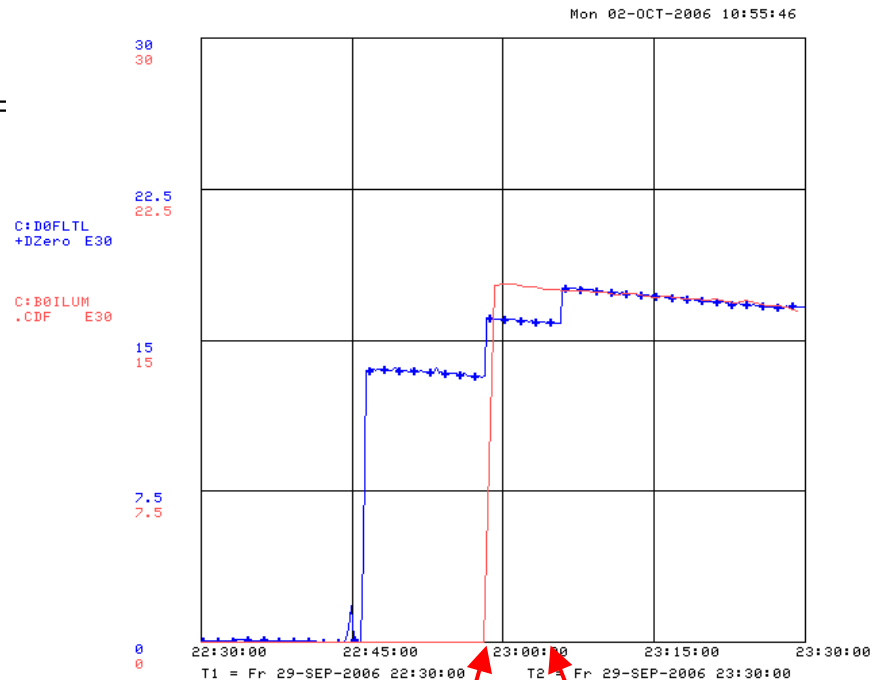
Run IIb D0 Luminosity Constants updated



- Effective ND cross section = 48 mb (old value 54 mb).

A detailed presentation will be given next week at AEM.

Store 4989



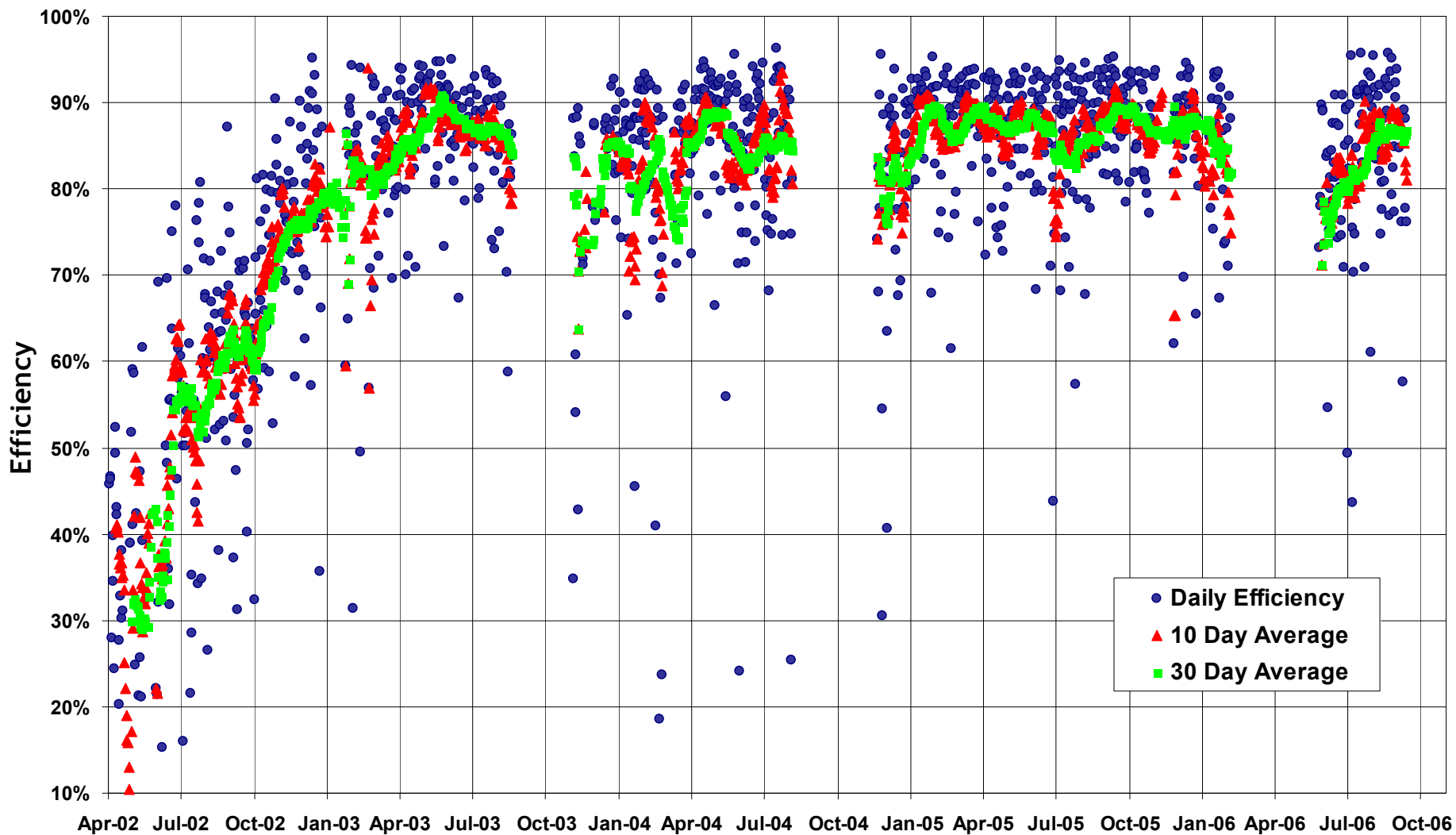
Begin store

Constants updated



Daily Data Taking Efficiency

19 April 2002 - 1 October 2006



2 October 2006

T. Yasuda, Fermilab